

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	101	62/544	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:13
L2	58	55/467.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:13
L3	107	62/606	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:13
L4	48	62/538	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:13
L5	46	62/537	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:14
L6	287	55/447	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:14
L7	297	62/5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:22
L8	34	62/601	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:22
L9	307	62/532	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:22

EAST Search History

L10	2022	((vortex adj tube) Ranque Hilsch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:25
L11	1255	((vortex adj tube) Ranque Hilsch) (separat\$4 (natural adj gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:26
L12	0	((vortex adj tube) Ranque Hilsch) (62/544 55/467.1 62/606 62/538 62/537 62/601 62/532)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:26
L13	13	((vortex adj tube) Ranque Hilsch) (62/544 55/467.1 62/606 62/538 62/537 62/601 62/532 55/447)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:29
L14	133	((vortex adj tube) Ranque Hilsch) (62/5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:27
L15	24	((vortex adj tube) Ranque Hilsch) (62/5) (natural adj gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:27
L16	2	"6576029".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:30
L17	25	("1836004" "2808897" "3014553" "3296774" "3498028" "3581467" "3605388" "3662521" "3788282" "3930816" "4128406" "4486203" "4838906" "4880451" "5145612" "5683629" "5714068").PN. OR ("6576029").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/29 09:30
S1	5	"2825423".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/19 12:18

EAST Search History

S2	3	"4026120".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/18 13:13
S3	4	"4208196".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/14 16:31
S4	29	62/601	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/18 13:32
S6	100	62/606	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/18 14:00
S10	100	62/544	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/18 14:35
S12	58	55/467.1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/18 13:26
S13	16	("2522787" "2683972" "2807156" "3775988").PN. OR ("4026120").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/19 11:50
S14	9	("2656896" "2711826" "3217469"). PN. OR ("4208196").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/19 12:11
S15	16	((("1925491") or ("2528028") or ("2738026") or ("2747022")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/19 12:19
S16	48	62/538	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/19 12:21

EAST Search History

S17	45	62/537	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/19 14:48
S18	301	62/532	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/19 14:53
S19	286	55/447	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/19 14:59
S20	17	("2843265" "3235090" "3331193" "3501014" "4927298" "5071542" "5269949" "5273647").PN. OR ("5453196").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/19 15:09
S21	293	62/5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/19 15:40
S22	30	((("2711826") or ("2747002") or ("2728406") or ("2738026") or ("2758665") or ("2809713") or ("2873814"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/20 10:46
S23	58	((("3775988") or ("3691408") or ("3566620") or ("3546891") or ("3296807") or ("3118286") or ("3116344") or ("2971342") or ("2907174") or ("2893214") or ("2807156") or ("2741899") or ("2683972") or ("2581168") or ("2522787") or ("1952281"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/20 10:47
S24	9	("2698525" "2920457" "3287924" "4646524" "5976227" "6250086"). PN. OR ("6494935").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 13:45
S25	2	"3559373".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 13:47
S26	2	"0496128".fref.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 13:47

EAST Search History

S27	17	("3185181" "3544170" "3559373" "3616596" "3626665" "3725271" "3892070" "3894851" "4292050" "4541845" "5261242" "5682759"). PN. OR ("6513345").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 13:48
S28	26	("1917643" "3442093" "3528216" "3528217" "3559373" "3670479" "3902876" "3961923" "4008059" "4531371" "4699114" "4985058" "5183481" "5305610" "5306330" "5498273" "5976227" "6056798"). PN. OR ("6372019").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 13:53
S29	36	("2393112" "2676667" "2816490" "2857979" "3031825" "3182674" "3509932" "3523568" "3546891" "3618303" "3710554" "3957470" "3972698" "4218314" "4290791" "4401444").PN. OR ("4504285").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/12/20 14:13
S30	678	hydroclone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/20 14:57
S31	3155686	separate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/20 14:57
S32	539	S31 S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/20 14:58
S33	63908	vortex Ranque Hilsch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/29 09:23
S34	63	S32 S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/20 14:59
S35	27	parallel near3 vortex near tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/21 09:41

EAST Search History

S36	302805	ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/21 14:06
S37	2503	vortex near tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/21 14:06
S38	84	S36 S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/21 14:07
S39	2503	vortex near tube	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/22 08:35
S40	420	tangential S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/22 08:35
S41	3158026	separate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/22 09:28
S42	273	S41 S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/12/22 09:28